



**REVOCATION OF POWER OF  
ATTORNEY WITH  
NEW POWER OF ATTORNEY  
AND  
CHANGE OF CORRESPONDENCE  
ADDRESS**

Application Number	09/744,698
Filing Date	May 14, 2001
First Named Inventor	John M. Kirwan et al.
Art Unit	3763
Examiner Name	Roz Maiorino
Attorney Docket Number	5091C

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

☒ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners at Customer Number :

24536

☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with  
Customer Number:

24536

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Genzyme Corporation		
Address	15 Pleasant Street Connector Legal Department		
City	Framingham	State	MA ZIP 01701
Country	us		
Telephone	(508) 270-2583	Email	richard.allison@genzyme.com

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Signature			
Name	Richard D. Allison		
Date	August 15, 2005	Telephone	(508) 270-2583

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.  
Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	09/744,698
Filing Date	May 14, 2001
First Named Inventor	John M. Kirwan et al.
Title	Universal Modular Surgical, Etc.
Art Unit	3763
Examiner Name	Roz Maiorino
Attorney Docket Number	5091C

**I hereby revoke all previous powers of attorney given in the above-identified application.**

**I hereby appoint:**

☒ Practitioners associated with the Customer Number:

24536

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number

OR

☒ The address associated with Customer Number:

24536

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Genzyme Corporation		
Address	15 Pleasant St. Connector Legal Department		
City	Framingham	State MA	ZIP 01701
Country	US		
Telephone	(508) 270-2583	Email	richard.allison@genzyme.com

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

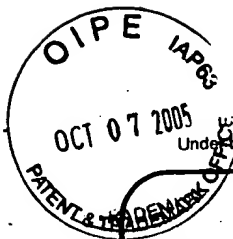
Signature		Date	August 15, 2005
Name	Richard D. Allison	Telephone	(508) 270-2583
Title and Company	Managing IP Counsel of Genzyme Corporation with Attached Signature Authority		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



**CHANGE OF  
CORRESPONDENCE ADDRESS  
Application**

Address to:  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450.

Application Number	09/744,698
Filing Date	May 14, 2001
First Named Inventor	John M. Kirwan et al.
Art Unit	3763
Examiner Name	Roz Maiorino
Attorney Docket Number	5091C

Please change the Correspondence Address for the above-identified application to:

☒ The address associated with Customer Number: 24536

OR

☒ Firm or Individual Name Genzyme Corporation

Address 15 Pleasant Street Connector  
Legal Department

City Framingham State MA Zip 01701

Country US

Telephone (508) 270-2583 Email richard.allison@genzyme.com

This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124).

I am the :

- ☐ Applicant/Inventor.
- ☒ Assignee of record of the entire interest.  
Certificate under 37 CFR 3.73(b) is enclosed (Form PTO/SB/96).
- ☐ Attorney or agent of record. Registration Number \_\_\_\_\_
- ☐ Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_

Signature 

Typed or Printed Name Richard D. Allison

Date August 15, 2005

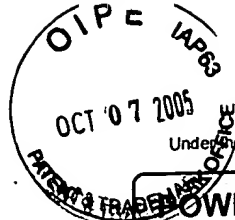
Telephone (508) 270-2583

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with Customer Number:

24536

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☒ The address associated with Customer Number

24536

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Genzyme Corporation		
Address	15 Pleasant Street Connector Legal Department		
City	Framingham	State	MA Zip 01701
Country	US		
Telephone	(508) 270-2583	Email	richard.allison@genzyme.com

### Assignee Name and Address:

Genzyme Corporation  
500 Kendall Street  
Cambridge, MA 02142

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

### SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	August 15, 2005
Name	Richard D. Allison	Telephone	(508) 270-2583
Title	Managing IP Counsel		

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: John M. Kirwan et al.Application No./Patent No.: 09/744,698Filed/Issue Date: May 14, 2001Entitled: Universal Modular Surgical Applicator SystemsGenzyme Corporationa Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or  
2. ☐ an assignee of less than the entire right, title, and interest

The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Kirwan, Pichon, Kablik, Herman, and Bromanderi To: Focal, Inc.The document was recorded in the United States Patent and Trademark Office at Reel 011798, Frame 0076, or for which a copy thereof is attached.2. From: Focal, Inc. To: Genzyme CorporationThe document was recorded in the United States Patent and Trademark Office at Reel 016360, Frame 0683, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ Copies of assignments or other documents in the chain of title are attached.

**(NOTE: A separate copy (i.e., a true copy of the original document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08)**

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

Richard D. Allison

Printed or Typed Name

Managing IP Counsel

Title

August 15, 2005

Date

(508) 270-2583

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.




Genzyme Corporation  
500 Kendall Street  
Cambridge, MA 02142  
Tel.: (617) 252-7500  
Fax: (617) 252-7553



### **SIGNATURE AUTHORITY**

I, Thomas J. DesRosier, Senior Vice President and General Counsel of Genzyme Corporation hereby appoint Madge R. Kanter, Richard D. Allison, Elizabeth Lassen and Bart G. Newland, all Managing Intellectual Property Counsel of Genzyme Corporation, with full power and authority to transact any and all business before the United States Patent and Trademark Office, and any foreign counterpart patent office, with the powers of a Corporate Officer of Genzyme Corporation.

Date: December 2, 2003



Thomas J. DesRosier, Esq.  
Senior Vice President and General Counsel  
GENZYME CORPORATION



130  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
F0397/7050

AUGUST 01, 2001

PTAS

WOLF, GREENFIELD & SACKS, P.C.  
TIMOTHY J. OYER  
FEDERAL RESERVE PLAZA  
600 ATLANTIC AVENUE  
BOSTON, MA 02210



\*101720420A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/14/2001

REEL/FRAME: 011798/0076  
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
KIRWAN, JOHN M.

DOC DATE: 03/20/2001

ASSIGNOR:  
PICHON, DEAN M.

DOC DATE: 04/11/2001

ASSIGNOR:  
KABLIK, J. JEFFREY

DOC DATE: 04/10/2001

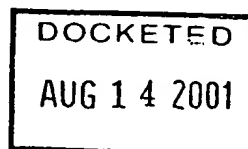
ASSIGNOR:  
HERMAN, STEPHEN J.

DOC DATE: 04/19/2001

ASSIGNOR:  
BROMANDER, THOMAS S.

DOC DATE: 03/20/2001

ASSIGNEE:  
FOCAL, INC.  
4 MAGUIRE ROAD  
LEXINGTON, MASSACHUSETTS 02173



	Initials
File Folder	<input checked="" type="checkbox"/>
ECB	<input checked="" type="checkbox"/>
Docket Entry	<input checked="" type="checkbox"/>
Docket Cross Off	<input checked="" type="checkbox"/>
Order Copies	<input checked="" type="checkbox"/>
Annuities	<input type="checkbox"/>
Confirmation	<input type="checkbox"/>

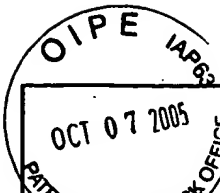
011798/0076 PAGE 2

SERIAL NUMBER: 09744698  
PATENT NUMBER:



FILING DATE: 05/14/2001  
ISSUE DATE:

DOROTHY RILEY, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



05-17-2001

ne Docket No. **F0397/7050** TJO

101720420

2 SHEET

DEPARTMENT OF COMMERCE  
Patent and Trademark Office

FORM PTO-595 U.S.

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

To the Assistant Commissioner for Patents : Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**John M. Kirwan, Dean M. Pichon, J. Jeffrey Kablik,  
Stephen J. Herman, Thomas S. Bromander**Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: **March 20, 2001, April 4, 2001, April 11, 2001,  
April 19, 2001**

2. Name and address of receiving party(ies)

Name: **Focal, Inc.**

Internal Address:

Street Address: **4 Maguire Road  
Lexington, MA 02173**Additional name(s) & addresses(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application No.(s)  
**09/744,698**

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence  
Concerning document should be mailed:Name: **Timothy J. Oyer**  
Address: **WOLF, GREENFIELD & SACKS, P.C.  
Federal Reserve Plaza  
600 Atlantic Avenue  
Boston, MA 02210**6. Total number of applications and patents involved: **[1]**

7. Total fee (37 CFR 3.41)

**\$ 40.00**☒ Enclosed☐ Authorized to be charged to deposit account☒ The Commissioner is authorized to charge:

8. Deposit Account No: 23/2825

DO NOT USE THIS SPACE

9. Statement and signature

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Timothy J. Oyer, Reg. No. 36,628

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **[3]**

Mail documents to be recorded with required cover sheet information to:

Box Assignment

Commissioner of Patents & Trademarks,  
Washington, D.C. 20231

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned John M. Kirwan, 427 Winter Street, N. Andover, MA 01845, Dean M. Pichon, 20 Bow Street, Arlington, MA 02474, J. Jeffrey Kablik, 9 Old Stonehill Road, Tyngsboro, MA 01879, Stephen J. Herman, 50 Sunset Rock Road, Andover, MA 01810, and Thomas S. Bromander, 28 Candlewood Drive, Andover, MA 01810, hereby

Sell, assign and transfer to Focal, Inc., a Delaware corporation having a place of business at 4 Maguire Road, Lexington, MA 02173, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on January 29, 2001 under Serial No. 09/744,698 and entitled UNIVERSAL MODULAR SURGICAL APPLICATOR SYSTEMS, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

We agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

We hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

We covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

Date 3/20/01 \_\_\_\_\_  
 John M. Kirwan \_\_\_\_\_

STATE OF Massachusetts \_\_\_\_\_  
 COUNTY OF Middlesex \_\_\_\_\_

Subscribed and sworn to before me this 20<sup>th</sup> day of March, 2001.

SEAL [Signature]  
 Notary Public

My Commission Expires My Commission Expires AUG. 24, 2001

11 APR 01  
Date  
Dean M. Pichon  
Dean M. Pichon

STATE OF Massachusetts  
COUNTY OF Middlesex

Subscribed and sworn to before me this 11<sup>th</sup> day of April, 2001

SEAL Allen D. Babin  
Notary Public  
My Commission Expires My Commission Expires AUG. 24, 2001

4/10/01  
Date  
J. Jeffrey Kablik  
J. Jeffrey Kablik

STATE OF Massachusetts  
COUNTY OF Middlesex

Subscribed and sworn to before me this 4<sup>th</sup> day of April, 2001

SEAL Allen D. Babin  
Notary Public  
My Commission Expires My Commission Expires AUG. 24, 2001

\_\_\_\_\_  
Date  
Stephen J. Herman

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_

SEAL \_\_\_\_\_  
Notary Public  
My Commission Expires \_\_\_\_\_

March 20, 2001  
Date

Thomas S. Bromander  
Thomas S. Bromander

STATE OF Massachusetts :  
COUNTY OF Middlesex :

Subscribed and sworn to before me this 20<sup>th</sup> day of March, 2001

SEAL [Signature]  
Notary Public

My Commission Expires My Commission Expires AUG. 24, 2001

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned John M. Kirwan, 427 Winter Street, N. Andover, MA 01845, Dean M. Pichon, 20 Bow Street, Arlington, MA 02474, J. Jeffrey Kablik, 9 Old Stonehill Road, Tyngsboro, MA 01879, Stephen J. Herman, 50 Sunset Rock Road, Andover, MA 01810, and Thomas S. Bromander, 28 Candlewood Drive, Andover, MA 01810, hereby

Sell, assign and transfer to Focal, Inc., a Delaware corporation having a place of business at 4 Maguire Road, Lexington, MA 02173, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on January 29, 2001 under Serial No. 09/744,698 and entitled UNIVERSAL MODULAR SURGICAL APPLICATOR SYSTEMS, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

We agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

We hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

We covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

3/20/01  
Date

John M. Kirwan

STATE OF Massachusetts  
COUNTY OF Middlesex

Subscribed and sworn to before me this 20<sup>th</sup> day of March, 2001.

SEAL

[Signature]  
Notary Public

My Commission Expires My Commission Expires AUG. 24, 2001

Date \_\_\_\_\_

Dean M. Pichon

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_.

SEAL \_\_\_\_\_

Notary Public

My Commission Expires \_\_\_\_\_

Date 4/10/01J. Jeffrey Kablik  
J. Jeffrey KablikSTATE OF MassachusettsCOUNTY OF MiddlesexSubscribed and sworn to before me this 4<sup>th</sup> day of April, 2001.SEAL Allen D. B...

Notary Public

My Commission Expires My Commission Expires AUG. 24, 2001Date 7/18/01Stephen J. Herman  
Stephen J. HermanSTATE OF MassachusettsCOUNTY OF MiddlesexSubscribed and sworn to before me this 19<sup>th</sup> day of April.SEAL Stephanie E. Uhlund

Notary Public

My Commission Expires \_\_\_\_\_

STEPHANIE E. UHLAND

Notary Public

My Commission Expires

June 16, 2006

March 20, 2001  
Date

Thomas S. Bromander  
Thomas S. Bromander

STATE OF Massachusetts  
COUNTY OF Middlesex

Subscribed and sworn to before me this 20<sup>th</sup> day of March, 2001

SEAL [Signature]  
Notary Public

My Commission Expires My Commission Expires AUG. 24, 2001



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

AUGUST 08, 2005

PTAS

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RECORDATION DATE: 08/08/2005

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BRIEF: ACQUISITION

ASSIGNOR:  
FOCAL, INC.

DOC DATE: 04/25/2001

ASSIGNEE:  
GENZYME CORPORATION  
500 KENDALL STREET  
CAMBRIDGE, MASSACHUSETTS 02142

SERIAL NUMBER: 08918361

FILING DATE: 08/26/1997

PATENT NUMBER: 6287320

ISSUE DATE: 09/11/2001

TITLE: METHOD AND APPARATUS FOR TREATMENT OF FOCAL DISEASE IN HOLLOW TUBULAR ORGANS AND OTHER TISSUE LUMENS

SERIAL NUMBER: 09624055

FILING DATE: 07/24/2000

PATENT NUMBER: 6443941

ISSUE DATE: 09/03/2002

TITLE: BIODEGRADABLE POLYMERIC ENDOLUMINAL SEALING PROCESS, APPARATUS AND POLYMERIC PRODUCTS FOR USE THEREIN



SERIAL NUMBER: 08783387 FILING DATE: 01/13/1997  
 PATENT NUMBER: 6258870 ISSUE DATE: 07/10/2001  
 TITLE: GELS FOR ENCAPSULATION OF BIOLOGICAL MATERIALS

SERIAL NUMBER: 09033871 FILING DATE: 03/03/1998  
 PATENT NUMBER: 6465001 ISSUE DATE: 10/15/2002  
 TITLE: TREATING MEDICAL CONDITIONS BY POLYMERIZING MACROMERS TO FORM POLYMERIC MATERIALS

SERIAL NUMBER: 09694836 FILING DATE: 10/23/2000  
 PATENT NUMBER: 6632446 ISSUE DATE: 10/14/2003  
 TITLE: COATING SUBSTRATES BY POLYMERIZING MACROMERS HAVING FREE RADICAL-POLYMERIZABLE SUBSTITUENTS

SERIAL NUMBER: 09492011 FILING DATE: 01/26/2000  
 PATENT NUMBER: 6306922 ISSUE DATE: 10/23/2001  
 TITLE: PHOTOPOLYMERIZABLE BIODEGRADABLE HYDROGELS AS TISSUE CONTACTING

MATERIALS AND CONTROLLED-RELEASE CARRIERS

SERIAL NUMBER: 09467359 FILING DATE: 12/20/1999  
 PATENT NUMBER: 6468520 ISSUE DATE: 10/22/2002  
 TITLE: APPARATUS AND METHOD FOR LOCAL APPLICATION OF POLYMERIC MATERIAL TO TISSUE

SERIAL NUMBER: 08967619 FILING DATE: 11/12/1997  
 PATENT NUMBER: 6461640 ISSUE DATE: 10/08/2002  
 TITLE: LOCAL DELIVERY OF FIBRINOLYSIS ENHANCING AGENTS

SERIAL NUMBER: 08984614 FILING DATE: 12/03/1997  
 PATENT NUMBER: 6290729 ISSUE DATE: 09/18/2001  
 TITLE: LOCAL POLYMERIC GEL CELLULAR THERAPY

SERIAL NUMBER: 09249841 FILING DATE: 02/15/1999  
 PATENT NUMBER: 6261544 ISSUE DATE: 07/17/2001  
 TITLE: POLY (HYDROXY ACID) / POLYMER CONJUGATES FOR SKIN APPLICATIONS

SERIAL NUMBER: 09195340 FILING DATE: 11/18/1998  
 PATENT NUMBER: 6911216 ISSUE DATE: 06/28/2005  
 TITLE: TARGET DELIVERY VIA BIODEGRADABLE POLYMERS

SERIAL NUMBER: 09123137 FILING DATE: 07/27/1998  
 PATENT NUMBER: 6780427 ISSUE DATE: 08/24/2004  
 TITLE: REDUCTION OF ADHESIONS USING CONTROLLED DELIVERY OF ACTIVE OXYGEN INHIBITORS

SERIAL NUMBER: 09616256 FILING DATE: 07/14/2000  
 PATENT NUMBER: 6387977 ISSUE DATE: 05/14/2002  
 TITLE: REDOX AND PHOTOINITIATOR SYSTEMS FOR PRIMING FOR IMPROVED ADHERENCE OF GELS TO SUBSTRATES

SERIAL NUMBER: 09732419 FILING DATE: 12/07/2000  
 PATENT NUMBER: 6352710 ISSUE DATE: 03/05/2002  
 TITLE: COMPLIANT TISSUE SEALANTS

SERIAL NUMBER: 09710416 FILING DATE: 11/09/2000  
PATENT NUMBER: 6410645 ISSUE DATE: 06/25/2002  
TITLE: MULTIBLOCK BIODEGRADABLE HYDROGELS FOR DRUG DELIVERY AND TISSUE  
TREATMENT

SERIAL NUMBER: 08968463 FILING DATE: 10/02/1997  
PATENT NUMBER: 6352682 ISSUE DATE: 03/05/2002  
TITLE: POLYMERIC DELIVERY OF RADIONUCLIDES AND RADIOPHARMACEUTICALS

SERIAL NUMBER: 09634366 FILING DATE: 08/09/2000  
PATENT NUMBER: ISSUE DATE:  
TITLE: BIODEGRADABLE TISSUE RETRACTOR

SERIAL NUMBER: 09303054 FILING DATE: 04/30/1999  
PATENT NUMBER: 6586751 ISSUE DATE: 07/01/2003  
TITLE: LIGHT SOURCE POWER TESTER

SERIAL NUMBER: 09744698 FILING DATE: 05/14/2001  
PATENT NUMBER: ISSUE DATE:  
TITLE: UNIVERSAL MODULAR SURGICAL APPLICATOR SYSTEMS

SERIAL NUMBER: 09801097 FILING DATE: 03/07/2001  
PATENT NUMBER: ISSUE DATE:  
TITLE: SELF-CLEANING FLUID DELIVERY DEVICE FOR MEDICAL APPLICATIONS

SERIAL NUMBER: 09658390 FILING DATE: 09/08/2000  
PATENT NUMBER: ISSUE DATE:  
TITLE: HYDROGELS FOR ORTHOPEDIC REPAIR

SERIAL NUMBER: 60258369 FILING DATE: 12/27/2000  
PATENT NUMBER: ISSUE DATE:  
TITLE: CONTROLLED RELEASE OF ANTI-ARRHYTHMIC AGENTS

SERIAL NUMBER: 60253477 FILING DATE: 11/28/2000  
PATENT NUMBER: ISSUE DATE:  
TITLE: INCORPORATION OF HYALURONIC ACID IN POLYMERIC HYDROGEL - FORMING  
COMPOSITIONS

SERIAL NUMBER: 60268559 FILING DATE: 02/14/2001  
PATENT NUMBER: ISSUE DATE:  
TITLE: BIOCOMPATIBLE FLEECE FOR HEMOSTASIS AND TISSUE ENGINEERING

SERIAL NUMBER: 07857700 FILING DATE: 03/25/1992  
PATENT NUMBER: 5213580 ISSUE DATE: 05/25/1993  
TITLE: BIODEGRADABLE POLYMERIC ENDOLUMINAL SEALING PROCESS

SERIAL NUMBER: 08101966 FILING DATE: 08/04/1993  
PATENT NUMBER: 5328471 ISSUE DATE: 07/12/1994  
TITLE: METHOD AND APPARATUS FOR TREATMENT OF FOCAL DISEASE IN HOLLOW  
TUBULAR ORGANS AND OTHER TISSUE LUMENS

SERIAL NUMBER: 08022687 FILING DATE: 03/01/1993  
PATENT NUMBER: 5410016 ISSUE DATE: 04/25/1995  
TITLE: PHOTOPOLYMERIZABLE BIODEGRADABLE HYDROGELS AS TISSUE CONTACTING  
MATERIALS AND CONTROLLED-RELEASE CARRIERS

SERIAL NUMBER: 08165392 FILING DATE: 12/10/1993  
PATENT NUMBER: 5468505 ISSUE DATE: 11/21/1995  
TITLE: LOCAL DELIVERY OF FIBRINOLYSIS ENHANCING AGENTS

SERIAL NUMBER: 07958870 FILING DATE: 10/07/1992  
PATENT NUMBER: 5529914 ISSUE DATE: 06/25/1996  
TITLE: GELS FOR ENCAPSULATION OF BIOLOGICAL MATERIALS

SERIAL NUMBER: 08468364 FILING DATE: 06/06/1995  
PATENT NUMBER: 5567435 ISSUE DATE: 10/22/1996  
TITLE: PHOTOPOLYMERIZABLE BIODEGRADABLE HYDROGELS AS TISSUE CONTACTING  
MATERIALS AND CONTROLLED-RELEASE CARRIERS

SERIAL NUMBER: 08024657 FILING DATE: 03/01/1993  
PATENT NUMBER: 5573934 ISSUE DATE: 11/12/1996  
TITLE: GELS FOR ENCAPSULATION OF BIOLOGICAL MATERIALS

SERIAL NUMBER: 08132745 FILING DATE: 10/06/1993  
PATENT NUMBER: 5575815 ISSUE DATE: 11/19/1996  
TITLE: LOCAL POLYMERIC GEL THERAPY

SERIAL NUMBER: 08476124 FILING DATE: 06/07/1995  
PATENT NUMBER: 5612050 ISSUE DATE: 03/18/1997  
TITLE: APPARATUS AND METHOD FOR LOCAL APPLICATION OF POLYMERIC MATERIAL TO  
TISSUE

SERIAL NUMBER: 08401931 FILING DATE: 03/09/1995  
PATENT NUMBER: 5618850 ISSUE DATE: 04/08/1997  
TITLE: HYDROXY-ACID COSMETICS

SERIAL NUMBER: 08379848 FILING DATE: 01/27/1995  
PATENT NUMBER: 5626863 ISSUE DATE: 05/06/1997  
TITLE: PHOTOPOLYMERIZABLE BIODEGRADABLE HYDROGELS AS TISSUE CONTACTING  
MATERIALS AND CONTROLLED-RELEASE CARRIERS

SERIAL NUMBER: 08474062 FILING DATE: 06/07/1995  
PATENT NUMBER: 5634946 ISSUE DATE: 06/03/1997  
TITLE: POLYMERIC ENDOLUMINAL PAVING PROCESS

SERIAL NUMBER: 08226945 FILING DATE: 04/13/1994  
PATENT NUMBER: 5662609 ISSUE DATE: 09/02/1997  
TITLE: METHOD AND APPARATUS FOR TREATMENT OF FOCAL DISEASE IN HOLLOW  
TUBULAR ORGANS AND OTHER TISSUE LUMENS

SERIAL NUMBER: 08483194 FILING DATE: 06/07/1995  
PATENT NUMBER: 5662712 ISSUE DATE: 09/02/1997

SERIAL NUMBER: 08265448	FILING DATE: 06/24/1994
PATENT NUMBER: 5665063	ISSUE DATE: 09/09/1997
TITLE: METHODS FOR APPLICATION OF INTRALUMINAL PHOTOPOLYMERIZED GELS	
SERIAL NUMBER: 08182516	FILING DATE: 01/14/1994
PATENT NUMBER: 5674287	ISSUE DATE: 10/07/1997
TITLE: BIODEGRADABLE POLYMERIC ENDOLUMINAL SEALING PROCESS, APPARATUS AND POLYMERIC PRODUCT FOR USE THEREIN	
SERIAL NUMBER: 08448573	FILING DATE: 11/27/1995
PATENT NUMBER: 5698189	ISSUE DATE: 12/16/1997
TITLE: METHOD FOR LOCAL APPLICATION OF POLYMERIC MATERIAL TO TISSUE	
SERIAL NUMBER: 08477370	FILING DATE: 06/07/1995
PATENT NUMBER: 5741323	ISSUE DATE: 04/21/1998
TITLE: POLYMERIC ARTICLE FOR INTRALUMINAL PHOTOTHERMOFORMING	
SERIAL NUMBER: 08481220	FILING DATE: 06/07/1995
PATENT NUMBER: 5749915	ISSUE DATE: 05/12/1998
TITLE: POLYMERIC ENDOLUMINAL PAVING PROCESS	
SERIAL NUMBER: 08472757	FILING DATE: 06/07/1995
PATENT NUMBER: 5749922	ISSUE DATE: 05/12/1998
TITLE: BIODEGRADABLE POLYMERIC ENDOLUMINAL SEALING PROCESS, APPARATUS AND POLYMERIC PRODUCTS FOR USE THEREIN	
SERIAL NUMBER: 08472745	FILING DATE: 06/07/1995
PATENT NUMBER: 5749968	ISSUE DATE: 05/12/1998
TITLE: DEVICE FOR PRIMING FOR IMPROVED ADHERENCE OF GELS TO SUBSTRATES	
SERIAL NUMBER: 08494333	FILING DATE: 06/26/1995
PATENT NUMBER: 5779673	ISSUE DATE: 07/14/1998
TITLE: DEVICES AND METHODS FOR APPLICATION OF INTRALUMINAL PHOTOPOLYMERIZED GELS	
SERIAL NUMBER: 08689139	FILING DATE: 07/29/1996
PATENT NUMBER: 5785993	ISSUE DATE: 07/28/1998
TITLE: REDUCTION OF ADHESIONS USING CONTROLLED DELIVERY OF ACTIVE OXYGEN INHIBITORS	
SERIAL NUMBER: 08410037	FILING DATE: 03/23/1995
PATENT NUMBER: 5800373	ISSUE DATE: 09/01/1998
TITLE: INITIATOR PRIMING FOR IMPROVED ADHERENCE OF GELS TO SUBSTRATES	
SERIAL NUMBER: 08478055	FILING DATE: 06/07/1995
PATENT NUMBER: 5800538	ISSUE DATE: 09/01/1998
TITLE: BIODEGRADABLE POLYMERIC ENDOLUMINAL SEALING PROCESS	
SERIAL NUMBER: 08480678	FILING DATE: 06/07/1995

TITLE: GELS FOR ENCAPSULATION OF BIOLOGICAL MATERIALS

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SERIAL NUMBER: 08467693 FILING DATE: 06/06/1995  
PATENT NUMBER: 5834274 ISSUE DATE: 11/10/1998  
TITLE: GELS FOR ENCAPSULATION OF BIOLOGICAL MATERIALS

SERIAL NUMBER: 08238931 FILING DATE: 05/06/1994  
PATENT NUMBER: 5843156 ISSUE DATE: 12/01/1998  
TITLE: LOCAL POLYMERIC GEL CELLULAR THERAPY

SERIAL NUMBER: 08467815 FILING DATE: 06/06/1995  
PATENT NUMBER: 5843743 ISSUE DATE: 12/01/1998  
TITLE: GELS FOR ENCAPSULATION OF BIOLOGICAL MATERIALS

SERIAL NUMBER: 08478104 FILING DATE: 06/07/1995  
PATENT NUMBER: 5844016 ISSUE DATE: 12/01/1998  
TITLE: REDOX AND PHOTOINITIATOR PRIMING FOR IMPROVED ADHERENCE OF GELS TO SUBSTRATES

SERIAL NUMBER: 08448572 FILING DATE: 10/30/1995  
PATENT NUMBER: 5849035 ISSUE DATE: 12/15/1998  
TITLE: APPARATUS AND METHODS FOR INTRALUMINAL PHOTOTHERMOFORMING

SERIAL NUMBER: 08377911 FILING DATE: 01/25/1995  
PATENT NUMBER: 5858746 ISSUE DATE: 01/12/1999  
TITLE: GELS FOR ENCAPSULATION OF BIOLOGICAL MATERIALS

SERIAL NUMBER: 08739644 FILING DATE: 10/30/1996  
PATENT NUMBER: 5879688 ISSUE DATE: 03/09/1999  
TITLE: HYDROXY-ACID COSMETICS

SERIAL NUMBER: 08787647 FILING DATE: 01/23/1997  
PATENT NUMBER: 5879713 ISSUE DATE: 03/09/1999  
TITLE: TARGETED DELIVERY VIA BIODEGRADABLE POLYMERS

SERIAL NUMBER: 08710689 FILING DATE: 09/23/1996  
PATENT NUMBER: 5900245 ISSUE DATE: 05/04/1999  
TITLE: COMPLIANT TISSUE SEALANTS

SERIAL NUMBER: 08963639 FILING DATE: 11/03/1997  
PATENT NUMBER: 5942209 ISSUE DATE: 08/24/1999  
TITLE: METHOD OF LOCAL RADIOTHERAPY BY POLYMERIZING A MATERIAL IN VIVO TO FORM A HYDROGEL

SERIAL NUMBER: 08481646 FILING DATE: 06/07/1995  
PATENT NUMBER: 5947977 ISSUE DATE: 09/07/1999  
TITLE: PROCESS, APPARATUS AND POLYMERIC PRODUCT FOR USE THEREIN

SERIAL NUMBER: 08700237 FILING DATE: 08/20/1996  
PATENT NUMBER: 5986043 ISSUE DATE: 11/16/1999  
TITLE: PHOTOPOLYMERIZABLE BIODEGRADABLE HYDROGELS AS TISSUE CONTACTING

SERIAL NUMBER: 08714189

FILING DATE: 09/16/1996

PATENT NUMBER: 6004315

ISSUE DATE: 12/21/1999

TITLE: OPTICAL FIBER DIFFUSER AND METHOD OF MAKING

SERIAL NUMBER: 08944035 FILING DATE: 09/29/1997  
PATENT NUMBER: 6004547 ISSUE DATE: 12/21/1999  
TITLE: APPARATUS AND METHOD FOR LOCAL APPLICATION OF POLYMERIC MATERIAL TO TISSUE

SERIAL NUMBER: 09288207 FILING DATE: 04/08/1999  
PATENT NUMBER: 6051248 ISSUE DATE: 04/18/2000  
TITLE: COMPLIANT TISSUE SEALANTS

SERIAL NUMBER: 09128917 FILING DATE: 08/04/1998  
PATENT NUMBER: 6060582 ISSUE DATE: 05/09/2000  
TITLE: PHOTOPOLYMERIZABLE BIODEGRADABLE HYDROGELS AS TISSUE CONTACTING MATERIALS AND CONTROLLED-RELEASE CARRIES

SERIAL NUMBER: 08944739 FILING DATE: 10/06/1997  
PATENT NUMBER: 6083524 ISSUE DATE: 07/04/2000  
TITLE: POLYMERIZABLE BIODEGRADABLE POLYMERS INCLUDING CARBONATE OR DIOXANONE LINKAGES

SERIAL NUMBER: 08973077 FILING DATE: 10/10/1997  
PATENT NUMBER: 6121341 ISSUE DATE: 09/19/2000  
TITLE: REDOX AND PHOTOINITIATOR SYSTEMS FOR PRIMING FOR IMPROVED ADHERENCE OF GELS TO SUBSTRATES

SERIAL NUMBER: 09045401 FILING DATE: 03/20/1998  
PATENT NUMBER: 6123667 ISSUE DATE: 09/26/2000  
TITLE: BIODEGRADABLE TISSUE RETRACTOR

SERIAL NUMBER: 09129735 FILING DATE: 08/05/1998  
PATENT NUMBER: 6162241 ISSUE DATE: 12/19/2000  
TITLE: HEMOSTATIC TISSUE SEALANTS

SERIAL NUMBER: 09172537 FILING DATE: 10/14/1998  
PATENT NUMBER: 6176871 ISSUE DATE: 01/23/2001  
TITLE: APPARATUS AND METHODS FOR INTRALUMINAL PHOTOTHERMOFORMING

SERIAL NUMBER: 09479520 FILING DATE: 01/07/2000  
PATENT NUMBER: 6177095 ISSUE DATE: 01/23/2001  
TITLE: POLYMERIZABLE BIODEGRADABLE POLYMERS INCLUDING CARBONATE OR DIOXANONE LINKAGES

SERIAL NUMBER: 08692914 FILING DATE: 07/26/1996  
PATENT NUMBER: 6201065 ISSUE DATE: 03/13/2001  
TITLE: MULTIBLOCK BIODEGRADABLE HYDROGELS FOR DRUG DELIVERY AND TISSUE TREATMENT

SERIAL NUMBER: 09477162 FILING DATE: 01/04/2000  
PATENT NUMBER: 6217894 ISSUE DATE: 04/17/2001  
TITLE: COMPLIANT TISSUE SEALANTS

SERIAL NUMBER: 07952730 FILING DATE: 11/19/1992  
PATENT NUMBER: ISSUE DATE:  
PCT NUMBER: US9102142  
TITLE: METHOD FOR VACUUM IMPULSE FORMING OF HEATED GLASS SHEETS

SERIAL NUMBER:  
PATENT NUMBER:  
PCT NUMBER: US8903593  
TITLE: ?

FILING DATE: 08/23/1989  
ISSUE DATE:

SERIAL NUMBER:  
PATENT NUMBER:  
PCT NUMBER: US9301776  
TITLE: GELS FOR ENCAPSULATION OF BIOLOGICAL MATERIALS

FILING DATE: 03/01/1993  
ISSUE DATE:

SERIAL NUMBER:  
PATENT NUMBER:  
PCT NUMBER: US9301773  
TITLE: PHOTOPOLYMERIZABLE BIODEGRADABLE HYDROGELS AS TISSUE CONTACTING MATERIALS AND CONTROLLED-RELEASE

FILING DATE: 03/01/1993  
ISSUE DATE:

SERIAL NUMBER: 08448573  
PATENT NUMBER:  
PCT NUMBER: US9403115  
TITLE: METHOD FOR LOCAL APPLICATION OF POLYMERIC MATERIAL TO TISSUE

FILING DATE: 11/27/1995  
ISSUE DATE:

SERIAL NUMBER: 08448572  
PATENT NUMBER:  
PCT NUMBER: US9404824  
TITLE: APPARATUS AND METHODS FOR INTRALUMINAL PHOTOTHERMOFORMING

FILING DATE: 10/30/1995  
ISSUE DATE:

SERIAL NUMBER:  
PATENT NUMBER:  
PCT NUMBER: US9508067  
TITLE: DEVICES AND METHODS FOR APPLICATION OF INTRALUMINAL

FILING DATE: 06/26/1995  
ISSUE DATE:

SERIAL NUMBER:  
PATENT NUMBER:  
PCT NUMBER: US9414213  
TITLE: LOCAL DELIVERY OF FIBRINOLYSIS ENHANCING AGENTS

FILING DATE: 12/09/1994  
ISSUE DATE:

SERIAL NUMBER:  
PATENT NUMBER:  
PCT NUMBER: US9411304  
TITLE: LOCAL POLYMERIC GEL CELLULAR THERAPY

FILING DATE: 10/06/1994  
ISSUE DATE:

SERIAL NUMBER:  
PATENT NUMBER:  
PCT NUMBER: US9603177  
TITLE: POLY (HYDROXY ACID)/ POLYMER CONJUGATES FOR SKIN APPLICATIONS

FILING DATE: 03/08/1996  
ISSUE DATE:

SERIAL NUMBER:  
PATENT NUMBER:  
PCT NUMBER: US9514103  
TITLE: TARGETED DELIVERY VIA BIODEGRADABLE POLYMERS

FILING DATE: 10/11/1995  
ISSUE DATE:

SERIAL NUMBER: FILING DATE: 03/20/1996  
PATENT NUMBER: ISSUE DATE:  
PCT NUMBER: US9603813  
TITLE: REDUCTION OF ADHESIONS USING CONTROLLED DELIVERY OF ACTIVE OXYGEN  
INHIBITORS

SERIAL NUMBER: 08973077 FILING DATE: 10/10/1997  
PATENT NUMBER: ISSUE DATE:  
PCT NUMBER: US9603834  
TITLE: REDOX AND PHOTOINITIATOR SYSTEMS FOR PRIMING FOR IMPROVED ADHERENCE  
OF GELS TO SUBSTRATES

SERIAL NUMBER: FILING DATE: 07/26/1996  
PATENT NUMBER: ISSUE DATE:  
PCT NUMBER: US9612285  
TITLE: MULTIBLOCK BIODEGRADABLE HYDROGELS FOR DRUG DELIVERY AND TISSUE  
TREATMENT

SERIAL NUMBER: FILING DATE: 02/13/1997  
PATENT NUMBER: ISSUE DATE:  
PCT NUMBER: US9702075  
TITLE: POLYMERIC DELIVERY OF RADIONUCLIDES AND RADIOPHARMACEUTICALS

SERIAL NUMBER: FILING DATE: 09/16/1997  
PATENT NUMBER: ISSUE DATE:  
PCT NUMBER: US9716392  
TITLE: OPTICAL FIBER DIFFUSER AND METHOD OF MAKING

SERIAL NUMBER: FILING DATE: 03/20/1998  
PATENT NUMBER: ISSUE DATE:  
PCT NUMBER: US9805661  
TITLE: BIODEGRADABLE TISSUE RETRACTOR

SERIAL NUMBER: FILING DATE: 08/06/1998  
PATENT NUMBER: ISSUE DATE:  
PCT NUMBER: US9816410  
TITLE: HEMOSTATIC TISSUE SEALANTS

SERIAL NUMBER: FILING DATE: 09/23/1997  
PATENT NUMBER: ISSUE DATE:  
PCT NUMBER: US9716857  
TITLE: POLYMERIZABLE BIODEGRADABLE POLYMERS INCLUDING CARBONATE OR  
DIOXANONE LINKAGES

SERIAL NUMBER: FILING DATE: 04/30/1999  
PATENT NUMBER: ISSUE DATE:  
PCT NUMBER: US9909386  
TITLE: LIGHT SOURCE POWER TESTER

SERIAL NUMBER: 09744698 FILING DATE: 05/14/2001  
PATENT NUMBER: ISSUE DATE:  
PCT NUMBER: US9916950  
TITLE: UNIVERSAL MODULAR SURGICAL APPLICATOR SYSTEMS

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SERIAL NUMBER:

PATENT NUMBER:

PCT NUMBER: US9921521

TITLE: SELF-CLEANING FLUID DELIVERY DEVICE FOR MEDICAL APPLICATIONS

FILING DATE: 09/17/1999

ISSUE DATE:

SERIAL NUMBER:

PATENT NUMBER:

PCT NUMBER: US0024647

TITLE: HYDROGELS FOR ORTHOPEDIC REPAIR

FILING DATE: 09/08/2000

ISSUE DATE:

MARGARET LASALLE, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS